

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
14503-019US1Application No.  
10/530,849**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37,600/1.98(b))

Applicant  
Michele Orlando et al.Filing Date  
January 19, 2006Group Art Unit  
1623**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	1.	5,880,270	03/09/99	Beminger et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	2.	WO 03/31464	04/17/03	WO				
	3.	WO 03/31581	04/17/03	WO				
	4.	WO 04/24776	03/25/04	WO				
	5.	WO 04/24777	03/25/04	WO				
	6.	WO 04/30701	04/15/04	WO			Abst.	
	7.	WO 04/33651	04/22/04	WO				
	8.	WO 05/14024	02/17/05	WO				
	9.	WO 05/14035	02/17/05	WO				
	10.	WO 05/14050	02/17/05	WO				
	11.	WO 05/14655	02/17/05	WO				
	12.	WO 05/74993	08/18/05	WO			Abst.	
	13.	WO 05/92390	10/06/05	WO				
	14.	WO 06/108052	10/12/06	WO				
	15.	0 127 839	07/15/92	EP				
	16.	0 218 825	04/22/87	EP				
	17.	0 342 557	11/23/94	EP				
	18.	0 549 721	04/13/94	EP				
	19.	1 424 086	06/02/04	EP				
	20.	2 233 725	09/30/99	CA				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	21.	Adamczyk and Fishpough, "A Solid Supported Synthesis of Thiol Esters," <u>Tetrahedron Lett.</u> , 1996, 37(25):4305-4308

Examiner Signature /Patrick Lewis/ (07/01/2008)

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	22.	Aly et al., "Hemophilia A due to mutations that create new N-glycosylation sites," <u>Proc. Natl. Acad. Sci. USA</u> , 1992, 89:4933-4937
	23.	Andersson et al., "Isolation and characterization of human factor VIII: Molecular forms in commercial factor VIII concentrate, cryoprecipitate, and plasma," <u>Proc. Natl. Acad. Sci. USA</u> , 1986, 83:2979-2983
	24.	Armitage, "Emerging Applications of Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor," <u>Blood</u> , 1998, 92(12):4491-4508
	25.	Balland et al., "Characterisation of two differently processed forms of human recombinant factor IX synthesised in CHO cells transformed with a polycistronic vector," <u>Eur. J. Biochem.</u> , 1988, 172(3):565-572
	26.	Bauer and Rosenberg, "Role of Antithrombin III as a Regulator of In Vivo Coagulation," <u>Semin. Hematol.</u> , 1991, 28:10-18
	27.	Berg et al., "Engineering the proteolytic specificity of activated protein C improves its pharmacological properties," <u>Proc. Natl. Acad. Sci. USA</u> , 2003, 100(8):4423-4428
	28.	Bhattacharyya et al., "Recombinant Factor VIII for Haemophilia <i>An Overview of Production Technologies</i> ," <u>CRIPS</u> , 2003, 4(3):2-8
	29.	Björk and Danielsson, "Antithrombin and related inhibitors of coagulation proteinases," <u>Proteinase Inhibitors</u> , 1986, Chapter 17, pps. 489-513
	30.	Boorsma et al., "Bioprocess Applications of a Sindbis Virus-Based Temperature-Inducible Expression System," <u>Biotech. Bioeng.</u> , 2002, 79(6): 602-609
	31.	Carrell et al., "Human $\alpha_1$ -antitrypsin: carbohydrate attachment and sequence homology," <u>FEBS Lett.</u> , 1981, 135(2):301-303
	32.	Carrell et al., "Structural Mobility of Antithrombin and its Modulation by Heparin," <u>Thromb. Haemost.</u> , 1997, 78:516-519
	33.	Carver et al., "Expression of human $\alpha_1$ antitrypsin in transgenic sheep," <u>Cytotechnology</u> , 1992, 9:77-84
	34.	Castillo et al., "Sensitive Substrates for Human Leukocyte and Porcine Pancreatic Elastase: A Study of the Merits of Various Chromophoric and Fluorogenic Leaving Groups in Assays for Serine Proteases," <u>Anal. Biochem.</u> , 1979, 99:53-64
	35.	Cebon et al., "Granulocyte-Macrophage Colony Stimulating Factor from Human Lymphocytes. The effect of glycosylation on receptor binding and biological activity," <u>J. Biol. Chem.</u> , 1990, 265(8):4483-4491
	36.	Chamow and Ashkenazi, <u>Antibody Fusion Proteins</u> , 1999, Wiley & Sons, Inc. (TOC Only)
	37.	Chan et al., "Preparation of O-esters from the corresponding thiol esters: <i>tert</i> -butyl cyclohexanecarboxylate," <u>Organic Syntheses, Coll.</u> , 1990, 7:87-93
	38.	Chen et al., "Purification of $\alpha_1$ Proteinase Inhibitor from Human Plasma Fraction IV-1 by Ion Exchange Chromatography," <u>Vox Sang.</u> , 1998, 74:232-241
	39.	Choay et al., "Structural studies on a biologically active hexasaccharide obtained from heparin," <u>Ann. NY Acad. Sci.</u> , 1981, 370:644-649
	40.	Choay et al., "Structure-activity relationship in heparin: a synthetic pentasaccharide with high affinity for antithrombin III and eliciting high anti-factor Xa activity," <u>Biochem. Biophys. Res. Commun.</u> , 1983, 116(2):492-499

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	41.	Colman, "Production of therapeutic proteins in the milk of transgenic livestock," <u>Biochem. Soc. Symp.</u> , 1998, 63:141-147
	42.	Conradt et al., "Expression of Human Interleukin-2 in Recombinant Baby Hamster Kidney, Ltk <sup>+</sup> , and Chinese Hamster Ovary Cells. Structure of O-linked carbohydrate chains and their location within the polypeptide," <u>J. Biol. Chem.</u> , 1989, 264(29):17368-17373
	43.	Corey and Clark, "A new method for the synthesis of 2-pyridinethiol carboxylic esters," <u>Tetrahedron Lett.</u> , 1979, 31:2875-2878
	44.	de Koning et al., "An approach to the synthesis of peptide-PNA-peptide conjugates via native ligation," <u>Tetrahedron Lett.</u> , 2002, 43(45): 8173-8176
	45.	Denzlinger et al., "Differential Activation of the Endogenous Leukotriene Biosynthesis by Two Different Preparations of Granulocyte-Macrophage Colony-Stimulating Factor in Healthy Volunteers," <u>Blood</u> , 1993, 81(8):2007-2013
	46.	Donahue et al., "Effects of N-linked Carbohydrates on the In Vivo Properties of Human GM-CSF," <u>Cold Spring Harbor Symp. Quant. Biol.</u> , 1986, 51:685-692
	47.	Edmunds et al., "Transgenically Produced Human Antithrombin: Structural and Functional Comparison to Human Plasma-Derived Antithrombin," <u>Blood</u> , 1998, 91(12):4561-4571
	48.	Ernst et al. (eds.), <u>Carbohydrates in Chemistry and Biology</u> , 2000, Part I, Vol. 1-2, Wiley-VCH Weinheim (TOC only)
	49.	European Pharmacopoeia, 2001, 911-917
	50.	Forno et al., "N- and O-linked carbohydrates and glycosylation site occupancy in recombinant human granulocyte-macrophage colony-stimulating factor secreted by a Chinese hamster ovary cell line," <u>Eur. J. Biochem.</u> , 2004, 271(5):907-919
	51.	Franzen and Svensson, "Structural Studies on the Carbohydrate Portion of Human Antithrombin III," <u>J. Biol. Chem.</u> , 1980, 255(11):5090-5093
	52.	Fujiki et al., "Studies on the disulfide bonds in human pituitary follicle-stimulating hormone," <u>Biochim. Biophys. Acta</u> , 1980, 624: 428-435
	53.	Goldstein and Gelb, "An alternate preparation of thioester resin linkers for solid-phase synthesis of peptide C-terminal thioacids," <u>Tetrahedron Lett.</u> , 2000, 41(16):2797-2800
	54.	Goronzy et al., "T-Cell Derived Lymphokines as Regulators of Chronic Inflammation: Potential Targets for Immunomodulation?" <u>Am. J. Ther.</u> , 1996, 3(2):109-114
	55.	Gribben et al., "Development of antibodies to unprotected glycosylation sites on recombinant GM-CSF," <u>Lancet</u> , 1990, 335:434-437
	56.	Harris et al., "Pegylation. A novel process for modifying pharmacokinetics," <u>Clin. Pharmacokinet.</u> , 2001, 40(7): 539-551
	57.	He et al., "A simplified system for generating recombinant adenoviruses," <u>Proc. Natl. Acad. Sci. USA</u> , 1998, 95:2509-2514
	58.	Hodges and Chan, "Locations of Oligosaccharide Chains in Human $\alpha$ 1-Protease Inhibitor and Oligosaccharide Structures at Each Site," <u>Biochemistry</u> , 1982, 21:2805-2810
	59.	Hodges et al., "Structure of the Oligosaccharide Chains in Human $\alpha$ 1-Protease Inhibitor," <u>J. Biol. Chem.</u> , 1979, 254(17):8208-8212
	60.	Hovgaard et al., "Clinical pharmacokinetic studies of a human haemopoietic growth factor, GM-CSF," <u>Eur. J. Clin. Inv.</u> , 1992, 22:45-49

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	61.	Hovinen et al., "Ethyl[2-deoxy-5-0-(4,4'-dimethoxytrityl)- $\alpha$ - and $\beta$ -D-erythro-pentofuranosyl] acetates as versatile intermediates in nucleic acid chemistry," <u>Nucleosides Nucleotides</u> , 1999, 18:1263-1264
	62.	Iakovenko et al., "Semi-synthetic Rab proteins as tools for studying intermolecular interactions," <u>FEBS Letters</u> , 2000, 468:155-158
	63.	Ingenito et al., "Solid Phase Synthesis of Peptide C-Terminal Thioesters by Fmoc/t-Bu Chemistry," <u>J. Am. Chem. Soc.</u> , 1999, 121:11369-11374
	64.	Jaques et al., "N.M.R. spectroscopy and calcium binding of sialic acids: N-glycolylneuraminic acid and periodate-oxidized N-acetylneuraminic acid," <u>Carb. Res.</u> , 1980, 83:21-32
	65.	Karpusas et al., "The crystal structure of human interferon $\beta$ at 2.2-Å resolution," <u>Proc. Natl. Acad. Sci. USA</u> , 1997, 94:11813-11818
	66.	Kaufman et al., "Synthesis, Processing, and Secretion of Recombinant Human Factor VIII Expressed in Mammalian Cells," <u>J. Biol. Chem.</u> , 1988, 263(13):6352-6362
	67.	Kaushansky et al., "Role of Carbohydrate in the Function of Human Granulocyte-Macrophage Colony-Stimulating Factor," <u>Biochemistry</u> , 1987, 26:4861-4867
	68.	Keene et al., "Expression of Biologically Active Human Follitropin in Chinese Hamster Ovary Cells," <u>J. Biol. Chem.</u> , 1989, 264(9):4769-4775
	69.	Kochendoerfer et al., "Design and Chemical Synthesis of a Homogeneous Polymer-Modified Erythropoiesis Protein," <u>Science</u> , 2003, 299(5608):884-887
	70.	Kraehenbuhl et al., "Preparation and characterization of an immuno-electron microscope tracer consisting of a heme-octapeptide coupled to Fab," <u>J. Exp. Med.</u> , 1974, 139:208-223
	71.	Lahiri et al., "Antithrombin-Heparin Cofactor: An Inhibitor of Plasma Kallikrein," <u>Arch. Biochem. Biophys.</u> , 1976, 175:737-747
	72.	Lapthorn et al., "Crystal structure of human chorionic gonadotropin," <u>Nature</u> , 1994, 369:455-461
	73.	Levy et al., "Recombinant Antithrombin: Production and Role in Cardiovascular Disorder," <u>Sem. Thromb. Hem.</u> , 2001, 27(4):405-416
	74.	Li et al., "Direct preparation of peptide thioesters using an Fmoc solid-phase method," <u>Tetrahedron Lett.</u> , 1998, 39(47):8669-8672
	75.	Lin et al., "L-Cysteine as a water-soluble cation scavenger in the removal of the 2,4,6-trimethoxybenzyl group from thiols," <u>Tetrahedron Lett.</u> , 2002, 43:4531-4533
	76.	March, "Delocalized Chemical Bonding," <u>Adv. Org. Chem.</u> , 1992, 4th Edition, John Wiley and Sons, New York, Chapter 2 pp. 26-292
	77.	Masamune et al., "A General, Selective Synthesis of Thiol Esters," <u>Can. J. Chem.</u> , 1975, 53:3693-3695
	78.	Masamune et al., "Tylonolide Hemiacetal, the Aglycone of Tylosin, and Its Partial Synthesis," <u>J. Am. Chem. Soc.</u> , 1976, 98:7874-7875
	79.	Masuda et al., "Synthesis and Anti-Influenza Evaluation of Orally Active Bicyclic Ether Derivatives Related to Zanamivir," <u>Bioorganic &amp; Medicinal Chemistry Letters</u> , 2003, 13:669-673
	80.	Mega et al., "Studies on the Oligosaccharide Chains of Human $\alpha_1$ -Protease Inhibitor. I. Isolation of glycopeptides," <u>J. Biol. Chem.</u> , 1980, 255(9):4053-4056
	81.	Mega et al., "Studies on the Oligosaccharide Chains of Human $\alpha_1$ -Protease Inhibitor. II. Structure of oligosaccharides," <u>J. Biol. Chem.</u> , 1980, 255(9):4057-4061

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	82.	Menache, "Antithrombin III: Introduction," <u>Semin. Hematol.</u> , 1991, 28:1-2
	83.	Menache et al., "Antithrombin III: physiology, deficiency, and replacement therapy," <u>Transfusion</u> , 1992, 32:580-588
	84.	Ming et al., "Interleukin 6 is the Principal Cytolytic T Lymphocyte Differentiation Factor for Thymocytes in Human Leukocyte Conditioned Medium," <u>J. Mol. Cell. Immunol.</u> , 1989, 4:203-212
	85.	Moonen et al., "Increased biological activity of deglycosylated recombinant human granulocyte/macrophage colony-stimulating factor produced by yeast or animal cells," <u>Proc. Natl. Acad. Sci. USA</u> , 1987, 84:4428-4431
	86.	Mori et al., "The Activation of Type 1 and Type 2 Plasminogen by Type I and Type II Tissue Plasminogen Activator," <u>J. Biol. Chem.</u> , 1995, 270(7):3261-3267
	87.	Muir et al., "Expressed protein ligation: A general method for protein engineering," <u>Proc. Natl. Acad. Sci. USA</u> , 1998, 95:6705-6710
	88.	Mukaiyama et al., "Peptide Synthesis via Oxidation-Reduction Condensation by the Use of Non-metallic Compound as a Mercaptan Scavenger," <u>Bull. Chem. Soc. Jpn.</u> , 1970, 43:1271
	89.	Mumberg et al., "Regulatable promoters of <i>Saccharomyces cerevisiae</i> : comparison of transcriptional activity and their use for heterologous expression," <u>Nucl. Acids Res.</u> , 1994, 22(25):5767-5768
	90.	Murano et al., "Some properties of antithrombin-III and its concentration in human plasma," <u>Thromb. Res.</u> , 1980, 18:259-262
	91.	Ohta et al., "Usefulness of Glycopeptide Mapping by Liquid Chromatography/Mass Spectrometry in Comparability Assessment of Glycoprotein Products," <u>Biologicals</u> , 2002, 30(3):235-244
	92.	Okamoto et al., "Purification and Characterization of Three Forms of Differently Glycosylated Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor," <u>Arch. Biochem. Biophys.</u> , 1991, 286(2):562-568
	93.	Olson et al., "Role of the Antithrombin-binding Pentasaccharide in Heparin Acceleration of Antithrombin-Proteinase Reactions. Resolution of the antithrombin conformational change contribution to heparin rate enhancement," <u>J. Biol. Chem.</u> , 1992, 267(18):12528-12538
	94.	Olson and Björk, "Predominant Contribution of Surface Approximation to the Mechanism of Heparin Acceleration of the Antithrombin-Thrombin Reaction. Elucidation from salt concentration effects," <u>J. Biol. Chem.</u> , 1991, 266(10):6353-6364
	95.	Opal et al., "Antithrombin, heparin, and heparan sulfate," <u>Crit. Care Med.</u> , 2002, 30(5):S325-S331
	96.	Pelter et al., "Synthesis of Thioesters by Reactions of Carboxylic Acids with Tris-(ethylthio)borane," <u>J. Am. Chem. Soc., Perkin Trans I</u> , 1977, 1672-674
	97.	Peterson, <u>The Physiological Inhibitions of Blood Coagulation and Fibrinolysis</u> , 1979, Elsevier/North-Holland Biomedical Press, p. 43
	98.	Pike et al., "Heparin-dependent Modification of the Reactive Center Arginine of Antithrombin and Consequent Increase in Heparin Binding Affinity," <u>J. Biol. Chem.</u> , 1997, 272 32:19652-19655
	99.	Ragnhammar et al., "Induction of Anti-Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor ( <i>Escherichia coli</i> -Derived) Antibodies and Clinical Effects in Nonimmunocompromised Patients," <u>Blood</u> , 1994, 84(12):4078-4087
	100.	Rapoport et al., "Protein transport across the eukaryotic endoplasmic reticulum and bacterial inner membranes," <u>Annu. Rev. Biochem.</u> , 1996, 65:271-303

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	101.	Reddy et al., "Use of peginterferon alfa-2a (40 KD) (Pegasys®) for the treatment of hepatitis C," <u>Advanced Drug Delivery Reviews</u> , 2002, 54:571-586
	102.	Reischl (ed.), <u>Molecular Diagnosis of Infectious Diseases</u> , 1997, Vol. 13, Totowa NJ, Humana Press Inc. (TOC Only)
	103.	Reidhaar-Olson et al., "Identification of Residues Critical to the Activity of Human Granulocyte Colony-Stimulating Factor," <u>Biochemistry</u> , 1996, 35:9034-9041
	104.	Revoltella et al., "Natural and Therapy-Induced Anti-GM-CSF and Anti-G-CSF Antibodies in Human Serum," <u>Leukemia and Lymphoma</u> , 1997, 26:29-34
	105.	Roemisch et al., "Antithrombin: a new look at the actions of a serine protease inhibitor," <u>Blood Coagul. Fibrinolysis</u> , 2002, 13:657-670
	106.	Rosenberg, "Role of heparin and heparinlike molecules in thrombosis and atherosclerosis," <u>Fed. Proc.</u> , 1985, 44:404-409
	107.	Rosenberg et al., "Antithrombin-III," <u>Rev. Hematol.</u> , 1986, 2:351-416
	108.	Schlesinger, "Alphaviruses – vectors for the expression of heterologous genes," <u>Trends Biotech.</u> , 1993, 11:18-22
	109.	Schröter et al., "Male-specific Modification of Human CD52," <u>J. Biol. Chem.</u> , 1999, 274(42):29862-29873
	110.	Shin et al., "Fmoc-Based Synthesis of Peptide-Thioesters: Application to the Total Chemical Synthesis of a Glycoprotein by Native Chemical Ligation," <u>J. Am. Chem. Soc.</u> , 1999, 121:11684-11689
	111.	Spellman et al., "Carbohydrate Structures of Human Tissue Plasminogen Activator Expressed in Chinese Hamster Ovary Cells," <u>J. Biol. Chem.</u> , 1989, 264(24):14100-14111
	112.	Stetsenko and Gait, "Efficient Conjugation of Peptides to Oligonucleotides by "Native Ligation," <u>J. Org. Chem.</u> , 2000, 65:4900-4908
	113.	Stewart et al., "Identification of the Mechanism Responsible for the Increased Fibrin Specificity of TNK-Tissue Plasminogen Activator Relative to Tissue Plasminogen Activator," <u>J. Biol. Chem.</u> , 2000, 275(14):10112-10120
	114.	Tam et al., "Peptide Synthesis Using Unprotected Peptides Through Orthogonal Coupling Methods," <u>Proc. Natl. Acad. Sci. USA</u> , 1995, 92:12485-12489
	115.	Tebbutt, "Technology evaluation: transgenic $\alpha$ -1-antitrypsin (AAT), PPL Therapeutics," <u>Curr. Opin. Mol. Ther.</u> , 2000, 2(2):199-204
	116.	Thim et al., "Amino Acid Sequence and Posttranslational Modification of Human Factor VII <sub>a</sub> from Plasma and Transfected Baby Hamster Kidney Cells," <u>Biochemistry</u> , 1988, 27:7785-7793
	117.	Toole et al., "Molecular cloning of a cDNA encoding human antihaemophilic factor," <u>Nature</u> , 1984, 312:342-347
	118.	Travis and Salvesen, "Human plasma proteinase inhibitors," <u>Ann. Rev. Biochem.</u> , 1983, 52:655-709
	119.	Veronese et al., "Peptide and Protein PEGylation – A Review of Problems and Solutions," <u>Biomaterials</u> , 2001, 22(5):405-417
	120.	Wadhwa et al., "Immunogenicity of Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) Products in Patients Undergoing Combination Therapy with GM-CSF," <u>Clin. Cancer Res.</u> , 1999, 5:1351-1361

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	121.	Watanabe et al., "A facile synthesis of carboxylic thiol esters from carboxylic acids and thiols," <u>Chem. Lett.</u> , 1976, 741-742
	122.	Weisshaar et al., "NMR investigations of the N-linked oligosaccharides at individual glycosylation sites of human lutropin," <u>Eur. J. Biochem.</u> , 1991, 195:257-268
	123.	Wright et al., "High level expression of active human alpha-1-antitrypsin in the milk of transgenic sheep," <u>Biotechnology</u> , 1991, 9:830-834
	124.	Yoshitake et al., "Nucleotide Sequence of the Gene for Human Factor IX (Antihemophilic factor B)," <u>Biochemistry</u> , 1985, 24:3736-3750

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